

# NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 10-30-01 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:          Black ink. Color.          ___ Color drawings are not acceptable until petition is granted.          Fig(s) _____          Pencil and non black ink not permitted. Fig(s) _____</p> <p>2. PHOTOGRAPHS. 37 CFR 1.84(b)          ___ 1 full-tone set is required. Fig(s) _____          ___ Photographs may not be mounted. 37 CFR 1.84(c)          ___ Poor quality (half-tone). Fig(s) _____</p> <p>3. TYPE OF PAPER. 37 CFR 1.84(e)          ___ Paper not flexible, strong, white, and durable.          Fig(s) _____          ___ Erasures, alterations, overwritings, interlineations,          folds, copy machine marks not accepted. Fig(s) _____          ___ Mylar, velum paper is not acceptable (too thin).          Fig(s) _____</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:          ___ 21.0 cm by 29.7 cm (DIN size A4)          ___ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)          ___ All drawing sheets not the same size.          Sheet(s) _____          ___ Drawings sheets not an acceptable size. Fig(s) _____</p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins:          Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm          SIZE: A4 Size          Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm          SIZE: 8 1/2 x 11          Margins not acceptable. Fig(s) <u>0, 18, 25, 28, 32, 33, 35c</u>          ___ Top (T) ___ Left (L)          ___ Right (R) ___ Bottom (B)</p> <p>6. VIEWS. 37 CFR 1.84(h)          REMINDER: Specification may require revision to correspond to drawing changes.          Partial views. 37 CFR 1.84(h)(2)          ___ Brackets needed to show figure as one entity.          Fig(s) _____          ___ Views not labeled separately or properly.          Fig(s) <u>22A, 22C, 35A-37D</u>          ___ Enlarged view not labeled separately or properly.          Fig(s) _____</p> <p>7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)          ___ Hatching not indicated for sectional portions of an object.          Fig(s) _____          ___ Sectional designation should be noted with Arabic or          Roman numbers. Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)          ___ Words do not appear on a horizontal, left-to-right fashion          when page is either upright or turned so that the top          becomes the right side, except for graphs. Fig(s) _____</p> <p>9. SCALE. 37 CFR 1.84(k)          ___ Scale not large enough to show mechanism without          crowding when drawing is reduced in size to two-thirds in          reproduction.          Fig(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS.          37 CFR 1.84(i)          ___ Lines, numbers &amp; letters not uniformly thick and well          defined, clean, durable, and black (poor line quality).          Fig(s) <u>4, 14-25, 27-37D</u></p> <p>11. SHADING. 37 CFR 1.84(m)          ___ Solid black areas pale. Fig(s) _____          ___ Solid black shading not permitted. Fig(s) _____          ___ Shade lines, pale, rough and blurred. Fig(s) _____</p> <p>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS.          37 CFR 1.84(p)          ___ Numbers and reference characters not plain and legible.          Fig(s) <u>4, 14-25, 27-37D</u>          ___ Figure legends are poor. Fig(s) _____          ___ Numbers and reference characters not oriented in the          same direction as the view. 37 CFR 1.84(p)(1)          Fig(s) _____          ___ English alphabet not used. 37 CFR 1.84(p)(2)          Fig(s) _____          ___ Numbers, letters and reference characters must be at least          .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)          Fig(s) _____</p> <p>13. LEAD LINES. 37 CFR 1.84(q)          ___ Lead lines cross each other. Fig(s) _____          ___ Lead lines missing. Fig(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r)          ___ Sheets not numbered consecutively, and in Arabic numerals          beginning with number 1. Sheet(s) _____</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u)          ___ Views not numbered consecutively, and in Arabic numerals,          beginning with number 1. Fig(s) _____</p> <p>16. CORRECTIONS. 37 CFR 1.84(w)          ___ Corrections not made from prior PTO-048          dated _____</p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152          ___ Surface shading shown not appropriate. Fig(s) _____          ___ Solid black shading not used for color contrast.          Fig(s) _____</p>
<p>COMMENTS</p>	

REVIEWER

J. CHASE

DATE

7-8-02

TELEPHONE NO.

703 305 8960

ATTACHMENT TO PAPER NO. \_\_\_\_\_

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